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a preferred embodiment a collection of target nuclei or target beam particles are jerked or otherwise set in motion, for example, ... resulting in a jerk or oscillation".

In a new Substitute Specification which Applicant will file as soon as new matter issues are resolved, the material at page 13, line 33 to page 14, "a refractive medium ... desired direction of travel" line 5, will be cancelled.

Similarly, the phrase on page 17, line 32 of the substitute specification "or super conducting coupled microwave cavities" will likewise be cancelled.

Before providing a new Substitute Specification incorporating all of the amendments and changes to the specification, Applicant respectfully requests that the Examiner review the foregoing to verify that in view of the material that is discussed above, the material in the Substitute Specification on page 13, lines 10 to 24, and on page 13, line 34 to page 14, line 6 is supported by the specification as originally filed. If the Examiner feels it is necessary to discuss the issue of whether or not the material under discussion is or is not new matter, it is respectfully requested that the Applicant's attorney be called at (626) 683-4508.

REMARKS

In response to the Office action, and the requirement for restriction, Applicant elects the claims in Group I, namely claims 1-98, 103-109 and 111 with traverse.

The Examiner's or Group Clerk's assistance is also requested in the official numbering of the papers in the Application. Applicant has not been able to accurately identify the seven papers filed prior to the Substitute Specification (identified as Paper No. 8 in the Office Action of May 30, 2002).

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In view of the foregoing, it is submitted that a complete response to the Office action of May 30, 2002 has been provided and further examination of the application with respect to the claims of Group I is requested.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

Ву

Richard J. Ward, Jr.

Reg. No. 24,187

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